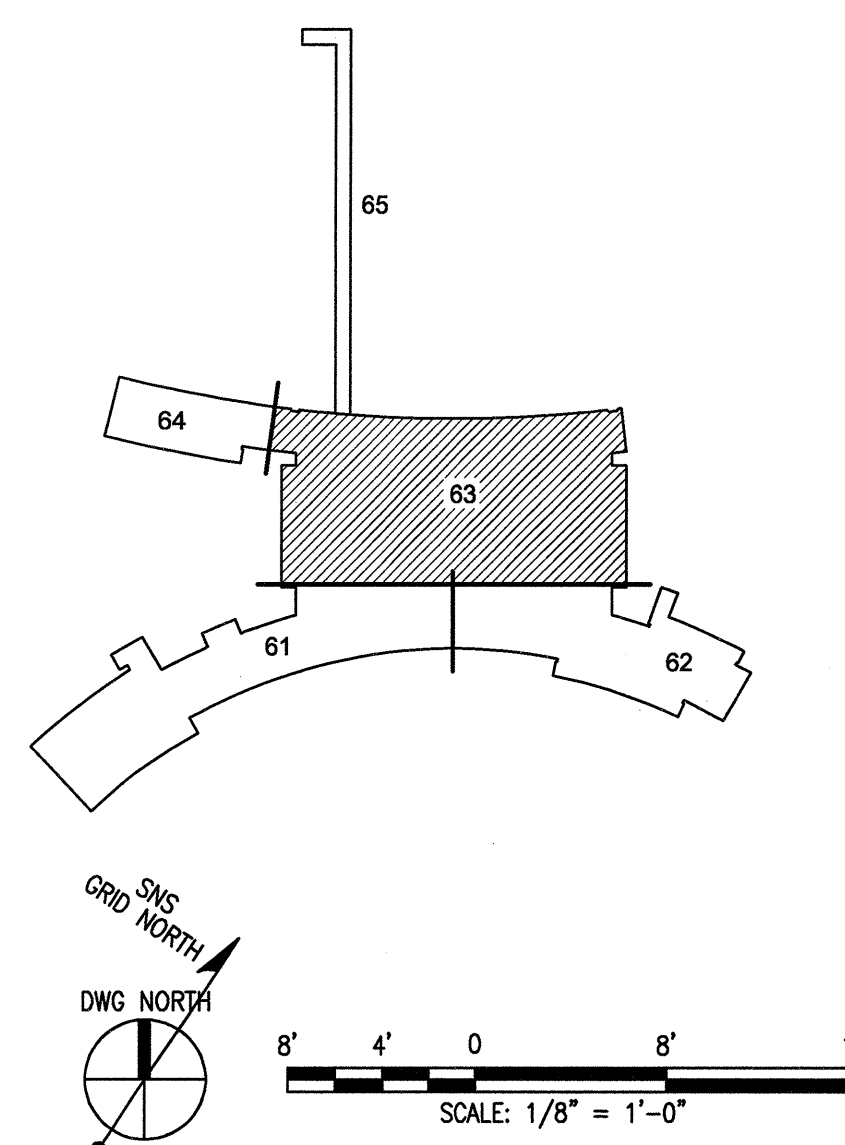



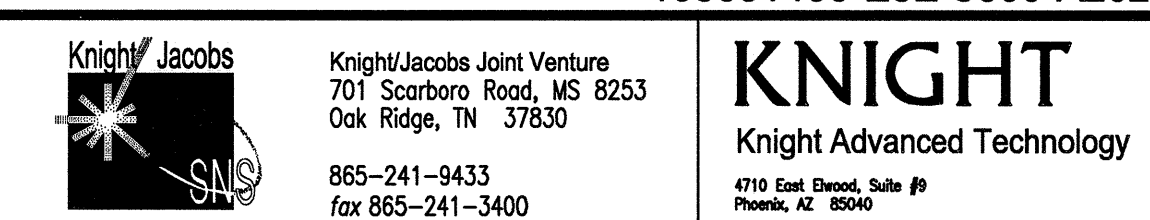
1. CONNECT ALL CIRCUITS TO PANEL 2SR1A UNLESS NOTED OTHERWISE.

KEYNOTES:

- | | |
|------|---|
| N001 | SEE DRAWING EB10.42 FOR ELECTRICAL ROOM ENCASED FURN. PLAN. |
| N002 | 400 AMP, 480 VOLT, 3 PH, 4 WIRE FEEDER BUS CADD. (TYP.) |
| N003 | 400 AMP, 480 VOLT, 3 PH, 4 WIRE CABLE IN BUS. (TYP) |
| N004 | NOT USED. |
| N005 | FURNISH AND INSTALL SURFACE MOUNTED POWER AND DATA WIRING AT 8' ABOVE SCHEDULED. PROVIDE ONE 120V RECEPTACLE AT 5' O.C. AND ONE 200V SINGLE PHASE RECEPTACLE 20' O.C. IN DRY LABS, 10' O.C. IN WET LABS. REFER TO COMMUNICATIONS SCHEDULE FOR EQUIPMENT AND DATA OUTLETS. |
| N006 | CONNECT ALL WIREMOLD RECEPTACLES TO PANEL BOARD WITHIN LAB AREA U.N.O. REFER TO PANEL SCHEDULE ON DRAWING 23.21.58. |
| N007 | MOUNT 1" BOX IN THE CEILING SPACE UNDERNEATH THE ABOVE FLOOR SLAB LEAVE CIRCUITS OPEN FOR FUTURE USE. (TYP) |
| N008 | CONNECT ALL RECEPTACLE CIRCUITS IN THIS AREA TO PANEL 23R3A. |
| N009 | CONNECT FUME HOOD EXHAUST TO PANEL WITHIN WET LAB AREA U.N.O. REFER TO PANEL SCHEDULE ON DRAWING 23.21.59. (TYP. ALL) |
| N010 | CONNECT CIRCUIT FOR PAN ROWERED HOT WATER THERMAL UNITS FFB-C01-229.230 AND 231 TO PANEL 23R3A. |
| N011 | CONNECT CIRCUIT FOR PAN ROWERED HOT WATER THERMAL UNITS FFB-C01-224.225.226 AND 228, TO PANEL 23R1A. |
| N012 | CONNECT ALL RECEPTACLES CIRCUITS IN THIS AREA TO PANEL 23R3A AND 23R1A. (TYP.) |



108031400-E8E-8600-A202



Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC05-00OR22725

UT-BATTILLE, LLC • Oak Ridge, Tennessee

PROJECT NAME:

SPALLATION NEUTRON SOURCE

CENTRAL LAB AND OFFICE BUILDING

ELECTRICAL POWER PLAN

LEVEL 2, SECTOR 63 ALTERNATE 1

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8600		1	1	P	U
51		52	53	WBS	E4.02.63.A1					REV
NC		NA		1.8.3.14						0

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

SECTION AND DETAIL KEY

THIS DOCUMENT
CONTROLLED BY
CHANGE CONTROL
SYSTEM 4
ENGINEERING
PROCEDURE SNS-ENG-

[illegible]

RPE

VICTOR G. STEFFENSEN
REGISTERED ENGINEER
ASSOCIATION
12-17-01
N. 00106009
COMMERCE
STATE OF TENNESSEE

0 12-17-01
REV. DATE
DRAWING

DSN	D.DANIELSON	12/20/01
DRW	J. BROWN	12/20/01
CHK	R.LENNING	12/20/01
DEPT		
PE	<i>M. J. ...</i>	12/20/01
PJ	<i>M. J. ...</i>	12/20/01
REQ		
UTE	<i>M. J. ...</i>	12/26/01
APPROVALS		